

Flood Fact Sheet

(content from www.getprepared.gc.ca)

Before a flood:

- Put weather protection sealant around basement windows and the base of ground-level doors.
- Install the drainage for downspouts a sufficient distance from your residence to ensure that water moves away from the building.
- Consider installing a sump pump and zero reverse flow valves in basement floor drains.
- Do not store your important documents in the basement. Keep them at a higher level, protected from flood damage.
- If you have a livestock farm, remember that livestock have a natural "move away instinct" to flash flood waters. They generally seek higher ground if possible. When purchasing or designing your livestock operation, it is important to allow livestock a way to reach high ground in each pasture. Without access, livestock will fight fences and be at a greater risk of drowning. Livestock will initially panic during flash floods. This complicates livestock handling.

If a flood is forecast

- Turn off basement furnaces and the outside gas valve.
- Take special precautions to safeguard electrical, natural gas or propane heating equipment.
- If there is enough time, consult your electricity or fuel supplier for instructions on how to proceed.
- In floods, in a rural farm setting, sheltering livestock may be the wrong thing to do. Leaving animals unsheltered is preferable because flood waters that inundate a barn could trap animals inside, causing them to drown.
- If evacuation of the animals is being considered, then evacuation procedures, places, and routes should be planned. Animal evacuation routes must not interfere with human evacuation routes. Alternate routes should be found in case the planned route is not accessible. Places where animals are to be taken should be decided in advance and arrangements made with the owners of these places to accept the animals.

If flooding is imminent

- Move furniture, electrical appliances and other belongings to floors above ground level.
- Remove toxic substances such as pesticides and insecticides from the flood area to prevent pollution.
- Remove toilet bowls and plug basement sewer drains and toilet connections with a wooden stopper.
- Disconnect eavestroughs if they are connected to the house sewer.
- In some cases, homes may be protected with sandbags or polyethylene barriers. This approach requires specific instructions from your local emergency officials.
- Do NOT attempt to shut off electricity if any water is present. Water and live electrical wires can be lethal. Leave your home immediately and do not return until authorities indicate it is safe to do so.

During a flood

- Keep your radio on to find out what areas are affected, what roads are safe, where to go and what to do if the local emergency team asks you to leave your home.
- Keep your emergency kit close at hand, in a portable container such as a duffel bag, back pack, or suitcase with wheels.

If you need to evacuate

- Vacate your home when you are advised to do so by local emergency authorities. Ignoring such a warning could jeopardize the safety of your family or those who might eventually have to come to your rescue.
- Take your emergency kit with you.
- Follow the routes specified by officials. Don't take shortcuts. They could lead you to a blocked or dangerous area.
- Make arrangements for pets.
- Time permitting, leave a note informing others when you left and where you went. If you have a mailbox, leave the note there.

Never cross a flooded area

- If you are on foot, fast water could sweep you away.
- If you are in a car, do not drive through flood waters or underpasses. The water may be deeper than it looks and your car could get stuck or swept away by fast water.
- Avoid crossing bridges if the water is high and flowing quickly.
- If you are caught in fast-rising waters and your car stalls, leave it and save yourself and your passengers

After a flood

Restore your home to good order as soon as possible to protect your health and prevent further damage to the house and its contents.

Re-entering your home

- Do not return home until authorities have advised that it is safe to do so.
- If the main power switch was not turned off prior to flooding, do not re-enter your home until a qualified electrician has determined it is safe to do so.
- Use extreme caution when returning to your home after a flood.
- Appliances that may have been flooded pose a risk of shock or fire when turned on. Do not use any appliances, heating, pressure, or sewage system until electrical components have been thoroughly cleaned, dried, and inspected by a qualified electrician.
- The main electrical panel must be cleaned, dried, and tested by a qualified electrician to ensure that it is safe.
- Depending on where you live, your municipal or the provincial inspection authority is responsible for the permitting process required before your electric utility can reconnect power to your home.

Ensure building safety

- Make sure the building is structurally safe.
- Look for buckled walls or floors.
- Watch for holes in the floor, broken glass and other potentially dangerous debris.

Water

- Flood water can be heavily contaminated with sewage and other pollutants. It can cause sickness and infections.
- If through colour, odour or taste you suspect that your drinking water has been contaminated, don't drink it.
- Household items that have been flood-damaged will have to be discarded according to local regulations.

For more information, visit <https://www.getprepared.gc.ca/cnt/rsrscs/pblctns/flds-wtd/flds-wtd-eng.pdf>